

Amendments to the Claims

1. (currently amended) A method for distributing data frames among data packets, comprising:

assigning a plurality of consecutive data frames to different data packets, wherein each data packet is to include data frames that are sufficiently far apart such that loss of any particular data packet distributes impact that the loss has on quality of recovered data, said assigning preventing each data packet from including consecutive data frames, and wherein a data packet includes a packet header and each of the data frames included in the data packet is associated with the packet header.

2. (original) The method of claim 1, further comprising:

packing said each data packet with assigned frames; and
sending the data packets to a destination node.

3. (original) The method of claim 1, wherein said each data packet includes data frames that are at least two frames apart.

4. (original) The method of claim 1, wherein said data frames are audio frames.

5. (original) The method of claim 1, wherein said assigning distributes data frames into different packets at a uniform interval.

6. (original) The method of claim 5, wherein the uniform interval is 5.

7. (canceled)

8. (original) The method of claim 1, wherein said assigning a plurality of consecutive data frames includes assigning a current data frame of said plurality of consecutive data frames to a packet that is at least two packets away from a packet that contains a previous data frame.

9. (previously presented) A method for distributing data frames of a multimedia entity, comprising:

distributing the data frames among a plurality of data packets, wherein each data packet is to include the data frames from different parts of the multimedia entity, wherein said data frames from different parts are sufficiently spread out among said plurality of data packets to reduce an impact of a packet loss on quality of recovered data compared to packing consecutive data frames into sequential data packets, said distributing preventing each data packet from including consecutive data frames.

10. (previously presented) The method of claim 9, wherein said multimedia entity includes a video frame, an audio sequence, or a combination thereof.

11. (original) The method of claim 9, wherein said multimedia entity includes a graphical image.

12. (original) The method of claim 9, wherein said sufficiently spreading out includes packing a data packet with data frames that are at least two frames apart.

13. (original) The method of claim 9, wherein said plurality of data packets includes at least five packets.

14. (previously presented) A frame distribution system, comprising:
a processor configured to assign a plurality of consecutive data frames to different data packets, preventing each data packet from including consecutive data frames, wherein each data packet is to include data frames that are sufficiently far apart such that loss of any particular data packet distributes impact that the loss has on quality of recovered data; and
a packetizer to pack a current frame into a data packet assigned by said processor.

15. (original) The system of claim 14, wherein said data frames are audio frames.

16. (original) The system of claim 14, wherein said each data packet includes data frames that are at least two frames apart.

17. (previously presented) A data packetizing system, comprising:
a frame receiving element arranged to receive a sequence of data frames including consecutive parts of a segmented data entity; and
a frame assigning element arranged to assign a current data frame in said sequence of data frames to a data packet, preventing each data packet from including consecutive data frames, wherein the data packet is to include the current data frame and not to include a previous data frame.

18. (original) The system of claim 17, wherein said segmented data entity is a video frame.
19. (original) The system of claim 17, wherein said segmented data entity is an audio sequence.
20. (original) The system of claim 17, further comprising:
a frame packing element to pack data frames into assigned data packets.
21. (previously presented) The method of claim 1, wherein said assigning distributes data frames into different packets in a Gaussian distribution.